

ABSTRACT

A method and network node are presented to route a signaling message in a SS7/C7 national telecommunication network between a Border Node within a first licensed operator network and a destination node within a second licensed operator network. The first and second licensed operator networks use the same Point Code configuration numbering plan to identify Point Codes of each node into their respective network. The Border Node includes a Message Transfer Part (MTP). Upon receipt of a signaling message, the Message Transfer Part (MTP) of the Border Node maps an Origination Point Code (OPC) and a Destination Point Code (DPC) corresponding to numbering plan values of the one of the licensed operator networks into OPC and DPC corresponding to the other licensed operator network. After that, the MTP replaces the OPC and DPC by the mapped OPC and DPC and the signaling message is sent from the Border Node to the destination node.

204070-1868E00T